Form PTO 948 (Rev. 8-98) U.S. DEPARTMENT OF COMMERCE - Patent and Trademark Office Application No. 09/488,737

NOTICE OF DRAFTSPERSON'S
PATENT DRAWING REVIEW

The drawing(s) filed (insert date) 1-20-00 are:

A. ☐ approved by the Draftsperson under 37 CFR 1.84 or 1.152.
B. ☒ objected to by the Draftsperson under 37 CFR 1.84 or 1.152 for the reasons indicated below. The Examiner will require
submission of new, corrected drawings when necessary. Corrected drawing must be sumitted according to the instructions on the back of this notice.

1. DRAWINGS. 37 CFR 1.84(a): Acceptable categories of drawings:
   Black ink. Color.
   ____ Color drawings are not acceptable until petiton is granted.
        Fig(s) ____
   ____ Pencil and non black ink not permitted. Fig(s) ____
2. PHOTOGRAPHS. 37 CFR 1.84 (b)
   ____ 1 full-tone set is required. Fig(s) ____
   ____ Photographs not properly mounted (must use brystol board or
        photographic double-weight paper). Fig(s) ____
   ____ Poor quality (half-tone). Fig(s) ____
3. TYPE OF PAPER. 37 CFR 1.84(e)
   ____ Paper not flexible, strong, white, and durable.
        Fig(s) ____
   ____ Erasures, alterations, overwritings, interlineations,
        folds, copy machine marks not accepted. Fig(s) ____
   ____ Mylar, velum paper is not acceptable (too thin).
        Fig(s) ____
4. SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes:
   ____ 21.0 cm by 29.7 cm (DIN size A4)
   ____ 21.6 cm by 27.9 cm (8 1/2 x 11 inches)
   ____ All drawing sheets not the same size.
        Sheet(s) ____
   ____ Drawings sheets not an acceptable size. Fig(s) ____
5. MARGINS. 37 CFR 1.84(g): Acceptable margins:
   Top 2.5 cm Left 2.5cm Right 1.5 cm Bottom 1.0 cm
            SIZE: A4 Size
   Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm
            SIZE: 8 1/2 x 11
   Margins not acceptable. Fig(s) ____
   _____ Top (T) _____ Left (L)
   _____ Right (R) _____ Bottom (B)
6. VIEWS. 37 CFR 1.84(h)
   REMINDER: Specification may require revision to
   correspond to drawing changes.
   Partial views. 37 CFR 1.84(h)(2)
   ____ Brackets needed to show figure as one entity.
        Fig(s) ____
   ____ Views not labeled separately or properly.
        Fig(s) ____
   ____ Enlarged view not labeled seperately or properly.
        Fig(s) ____
7. SECTIONAL VIEWS. 37 CFR 1.84 (h)(3)
   ____ Hatching not indicated for sectional portions of an object.
        Fig(s) ____
   ____ Sectional designation should be noted with Arabic or
        Roman numbers. Fig(s) ____

8. ARRANGEMENT OF VIEWS. 37 CFR 1.84(i)
   ____ Words do not appear on a horizontal, left-to-right fashion
        when page is either upright or turned so that the top
        becomes the right side, except for graphs. Fig(s) ____
9. SCALE. 37 CFR 1.84(k)
   ____ Scale not large enough to show mechanism without
        crowding when drawing is reduced in size to two-thirds in
        reproduction.
        Fig(s) ____
10. CHARACTER OF LINES, NUMBERS, & LETTERS.
    37 CFR 1.84(i)
    ☒ Lines, numbers & letters not uniformly thick and well
       defined, clean, durable, and black (poor line quality).
       Fig(s) ALL
11. SHADING. 37 CFR 1.84(m)
    ____ Solid black areas pale. Fig(s) ____ 2, 3
    ☒ Solid black shading not permitted. Fig(s) ____
    ____ Shade lines, pale, rough and blurred. Fig(s) ____
12. NUMBERS, LETTERS, & REFERENCE CHARACTERS.
    37 CFR 1.84(p)
    ____ Numbers and reference characters not plain and legible.
         Fig(s) ____
    ____ Figure legends are poor. Fig(s) ____
    ____ Numbers and reference characters not oriented in the
         same direction as the view. 37 CFR 1.84(p)(1).
         Fig(s) ____
    ____ English alphabet not used. 37 CFR 1.84(p)(2)
         Figs ____
    ☒ Numbers, letters and reference characters must be at least
       .32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3)
       Fig(s) ____
13. LEAD LINES. 37 CFR 1.84(q)
    ____ Lead lines cross each other. Fig(s) ____
    ____ Lead lines missing. Fig(s) ____
14. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.84(t)
    ____ Sheets not numbered consecutively, and in Arabic numerals
         beginning with number 1. Sheet(s) ____
15. NUMBERING OF VIEWS. 37 CFR 1.84(u)
    ____ Views not numbered consecutively, and in Arabic numerals,
         beginning with number 1. Fig(s) ____
16. CORRECTIONS. 37 CFR 1.84(w)
    ____ Corrections not made from prior PTO-948
         dated ____
17. DESIGN DRAWINGS. 37 CFR 1.152
    ____ Surface shading shown not appropriate. Fig(s) ____
    ____ Solid black shading not used for color contrast.
         Fig(s) ____

COMMENTS

REVIEWER ____ DATE 3-24-00 TELEPHONE NO. ____

ATTACHMENT TO PAPER NO. ____